

GROUND RULES

- Instructor available any time**
- Turn off / mute cell phones**
- Doctrine based instruction**
- Be prepared**
- Participate**
- Courtesy**
- Timeliness**

1. Mission or Task: Mission: Staff and Faculty class conducts 45 minute class in room 706, building 10000.	2. Date/Time Group Begin: 251300SEP01 End: 251330SEP01	3. Date prepared: 20 SEP 01
4. Prepared By: (Rank, Last Name, Duty Position) CPT J. Perry Instructor		

5. HAZARDS	6. INITIAL RISK LEVEL	7. CONTROLS	8. RESIDUAL RISK LEVEL	11. HOW TO IMPLEMENT	12. HOW TO SUPERVISE	13. CONTROLS EFFECTIVE
Eye Accident/Injury	L	<ul style="list-style-type: none"> Students receive a safety brief on potential hazards of sleeping in class. Soldiers are familiarized on how to handle and operate writing instruments. Identify narcoleptics. 	LOW (L)	USATC&FJ SOP Cadre SOP	Cadre over-watch	
Blunt Trauma/Cranial Laceration	L	<ul style="list-style-type: none"> Students stay awake during class. Students briefed on proper sitting procedures. 	LOW (L)	USATC&FJ SOP Cadre SOP	Cadre supervision	
Building Fire	L	<ul style="list-style-type: none"> Train students on prevention and detection. Brief fire evacuation plan. 	LOW (L)	USATC&FJ SOP Cadre SOP	Cadre monitor	

9. Overall mission/task risk level after controls are implemented (Circle one) Chief of CAD: _____ <div> <div>LOW</div> MODERATE HIGH EXTREMELY HIGH </div>	10. Risk Decision Authority: <div>LTC Whatley/AG School, Ft. Jackson</div> <div>RANK/LAST NAME/DUTY STATION</div>
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TERMINAL LEARNING

OBJECTIVE

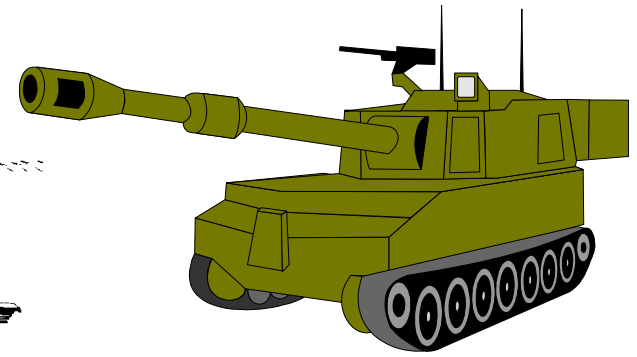
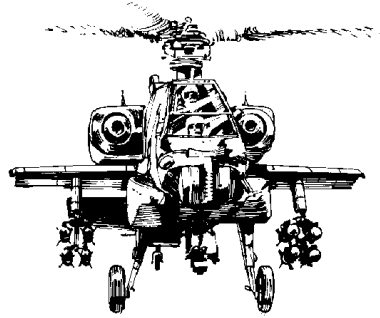
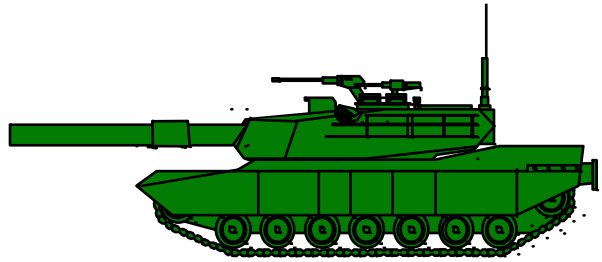
ACTION: Apply the BDE fight concept to operational planning.

CONDITIONS: Given information on a tactical situation while serving as the plans officer in the BDE S3 position, the commander's guidance, appropriate references, and the requirement to develop a BDE plan of operations.

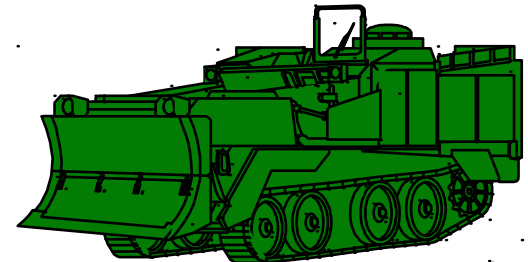
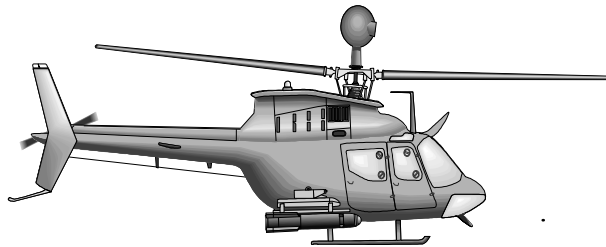
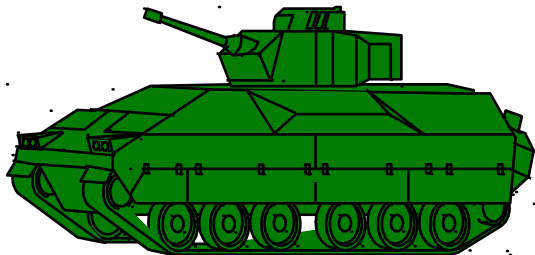
STANDARD: Develop a course of action that is sound, feasible, and acceptable based on the current tactical situation in accordance with the fundamentals of offensive, defensive, and retrograde operations.

ENABLING LEARNING OBJECTIVES

- Discuss the organization, capabilities, and limitations of the Heavy Maneuver Brigade.
- Discuss the conduct of offensive operations at the brigade level.
- Discuss the conduct of defensive operations at the brigade level.



THE ARMOR AND MECHANIZED INFANTRY BRIGADE



BDE MISSION

The primary mission of the brigade is to deploy on short notice and destroy, capture, or repel enemy forces, using maneuver and shock effect. Brigades also conduct various SASO activities, independently or as part of a joint or multinational headquarters in peacetime and conflict

BDE CAPABILITIES

- Conducts sustained combat operations with proper augmentation.
- Accomplishes rapid movement and deep penetrations.
- Exploits success and pursues defeated enemy as part of larger formation.
- Conducts security operations for a larger force.

BDE CAPABILITIES

(cont)

- Conducts defensive, retrograde, and other operations.
- Conducts offensive operations.
- Conducts operations with light and special operations forces.
- Conducts Stability and Support Opns. (SASO).
- Deploys rapidly onto pre-positioned equipment.

BDE LIMITATIONS

- Mobility and firepower restricted by:
Urban areas.
Dense jungles.
Very steep and rugged terrain.
Significant water obstacles.
- Strategic mobility limited by heavy equipment.
- Consumption of Classes III, V, and IX supplies is extremely high.

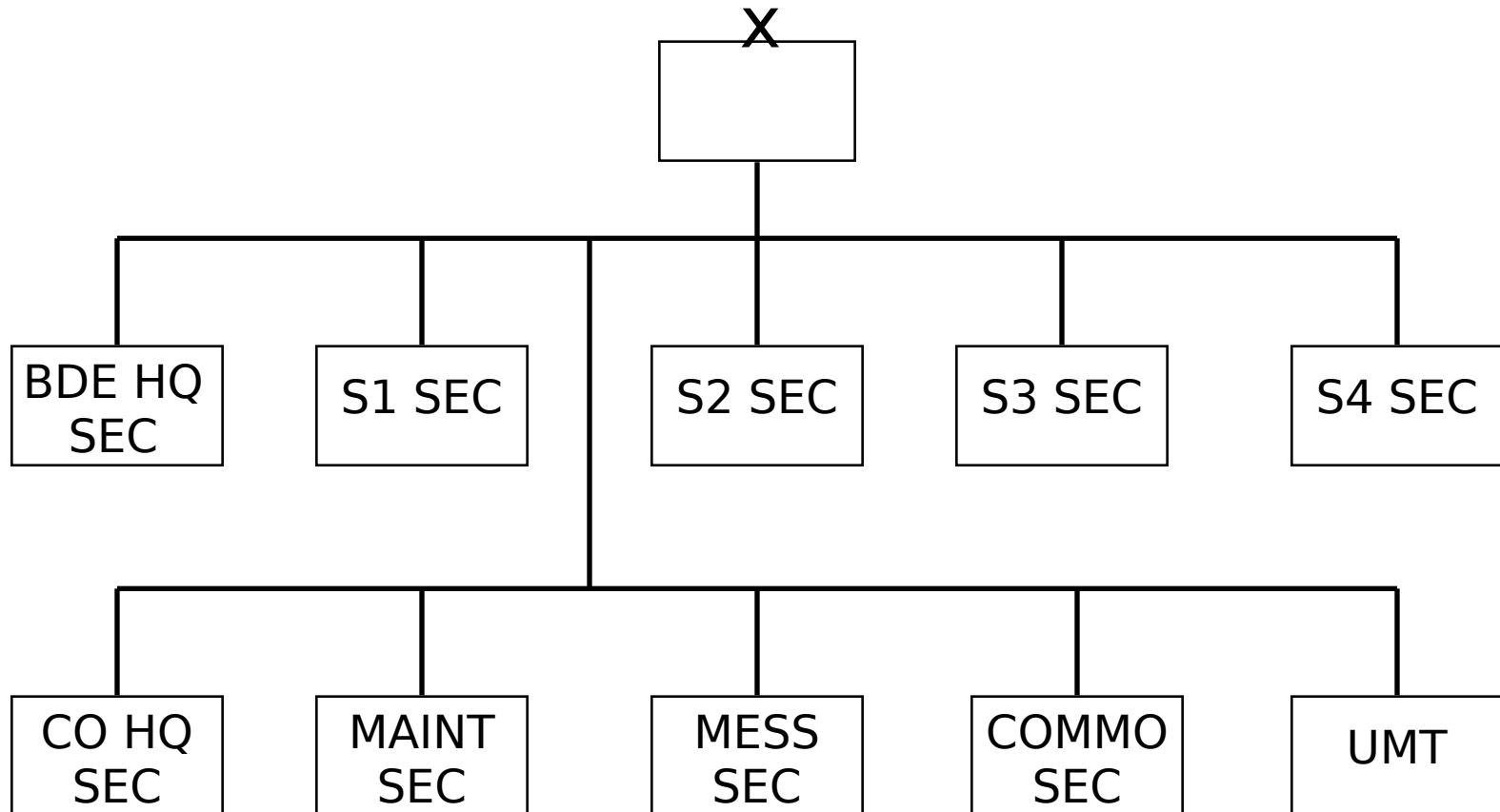
BDE ORGANIZATION

- Combination of armored and mechanized infantry BNs.
- Often contains an aviation BN or task force (OPCON).
- Occasionally contains a light infantry BN.
- CS and CSS units are task organized to the BDE as necessary.
- Normally operates as part of a division or corps.

BDE FUNCTIONS

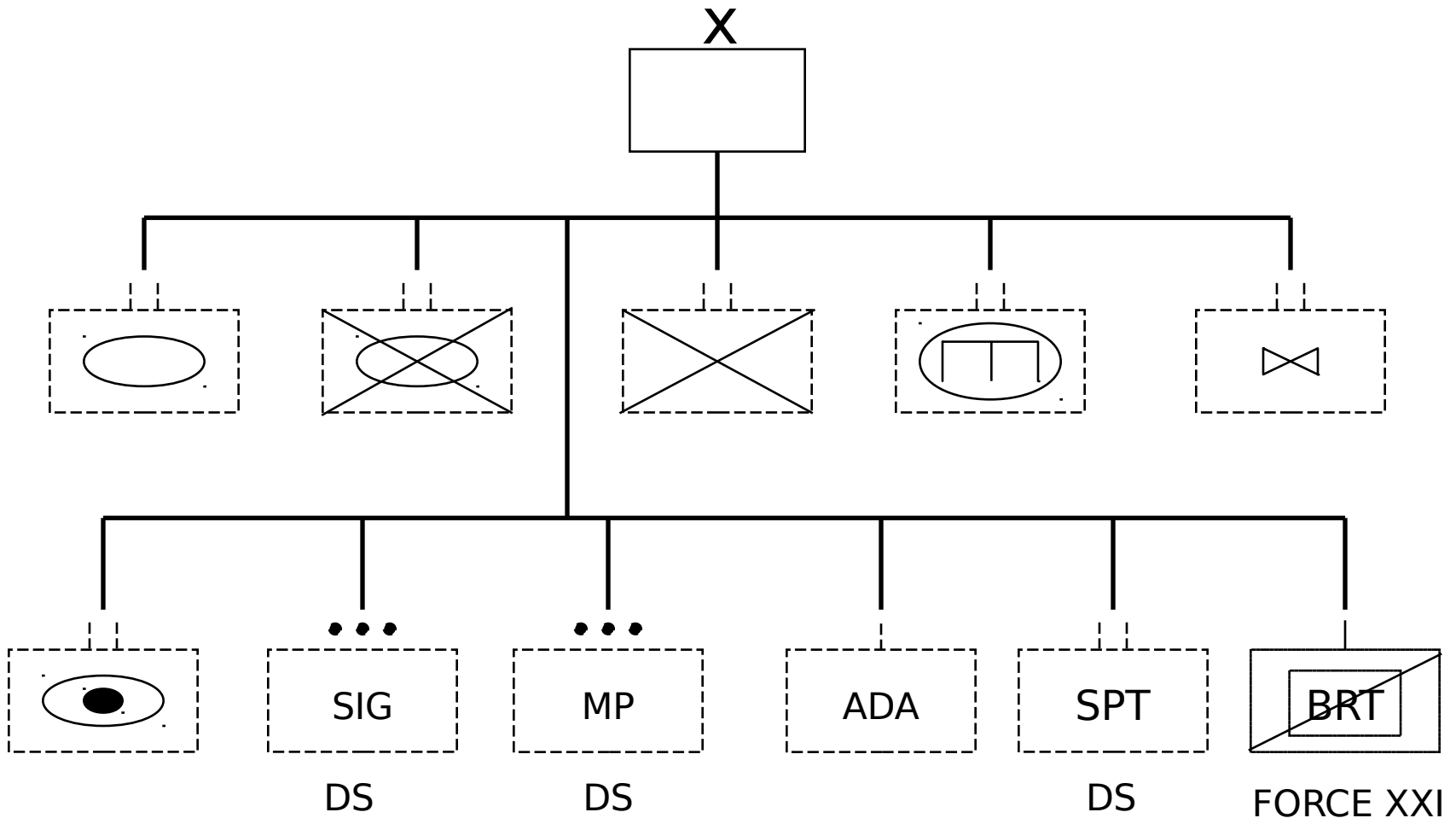
- Perform tactical tasks under the command of a division, corps, or a joint task force headquarters.
- Participate in division or corps operations according to the principles and concepts in FM 71-100 and FM 3-0.
- Task organize as directed.

BDE HHC

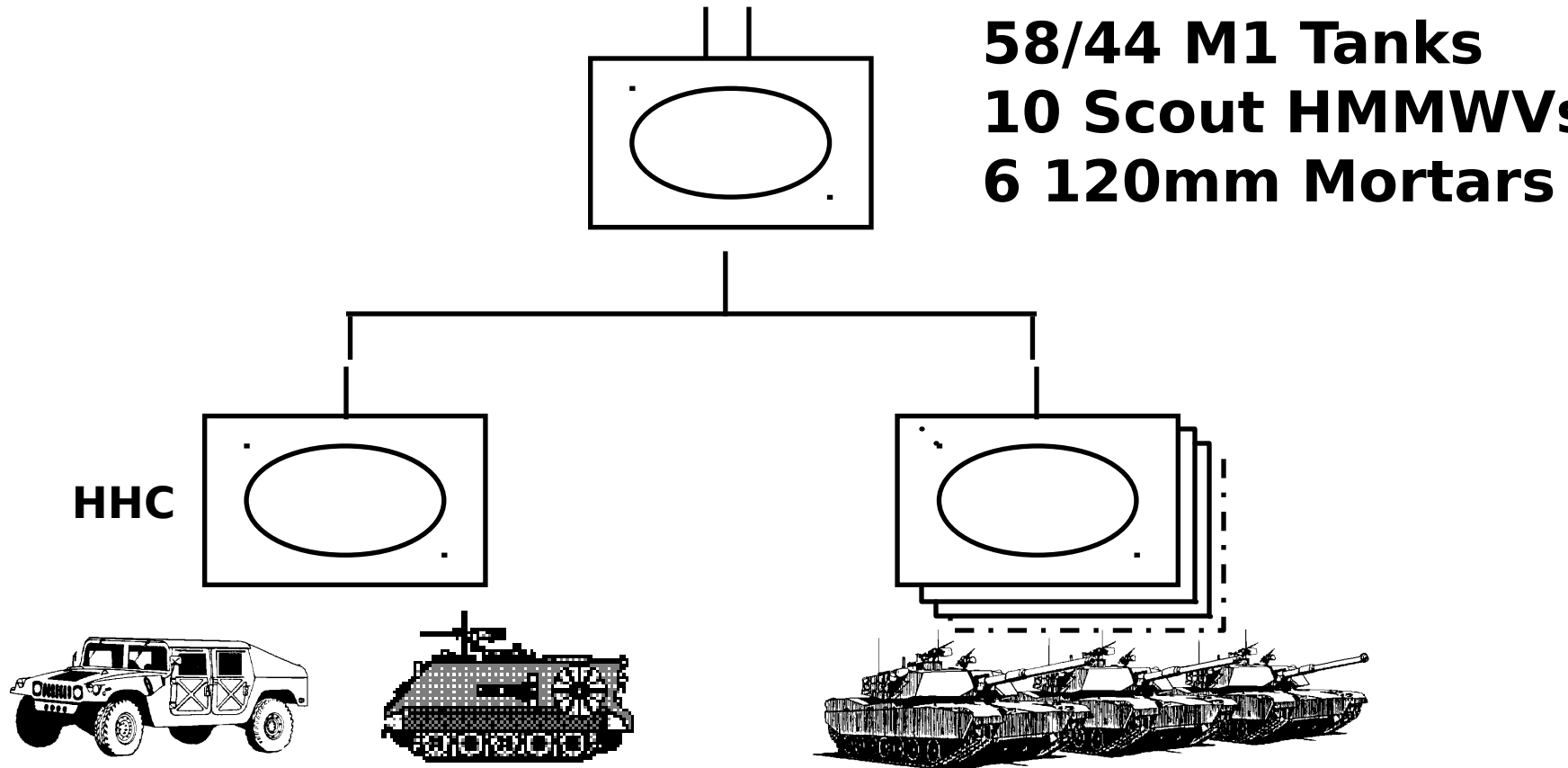


20 OFFICERS, 64 ENLISTED

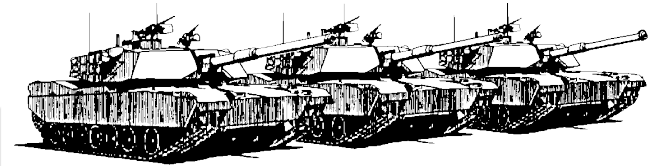
TASK ORGANIZED BDE



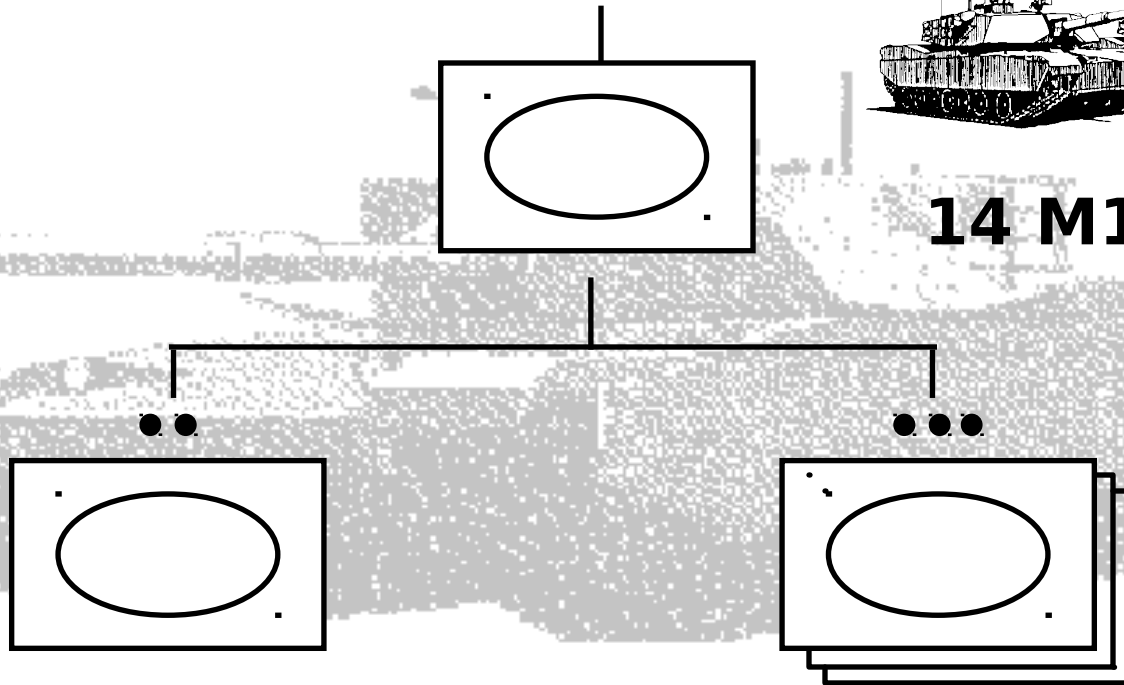
ARMOR BATTALION



TANK COMPANY



14 M1 Tanks



HQ Section
2 M1 Tanks
1 FIST-V

Tank Platoons
4 M1 Tanks

TANK PLATOON



M1A2 ABRAMS TANK



Primary Weapon	120mm
Planning Range	2800 m
Rounds	40
Other Weapons	.50 Cal MG
	2 x 7.62mm MG

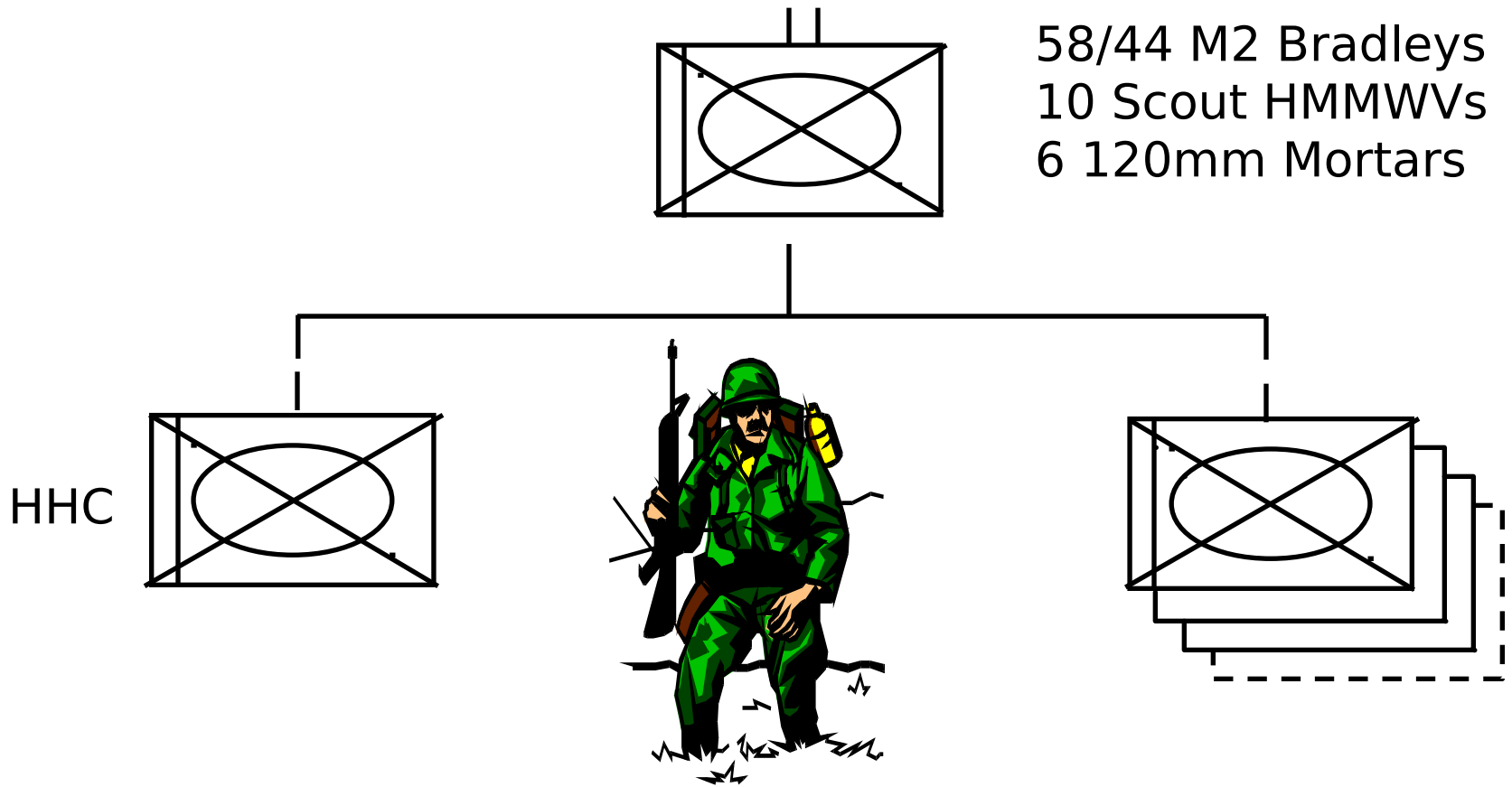
TANK PLATOON CAPABILITIES

- Limited breaching capability
- Destroy enemy tanks and armored vehicles
- Suppress enemy positions
- Exploit success

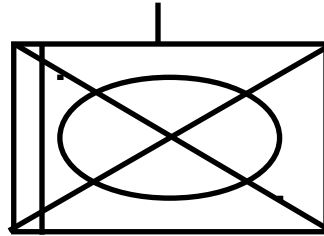
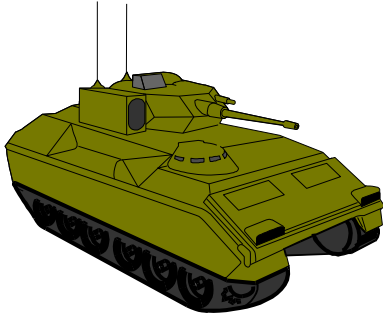
TANK PLATOON LIMITATIONS

- Limited maneuverability in close terrain
 - built-up areas
 - wooded, rugged terrain
 - jungles
- Large logistic tail
- Limited capability to hold ground
- Vulnerability to AT weapons / infantry

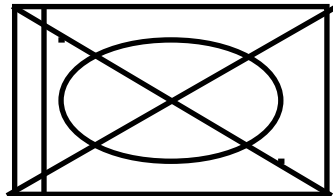
MECH INFANTRY BATTALION



MECH INFANTRY COMPANY

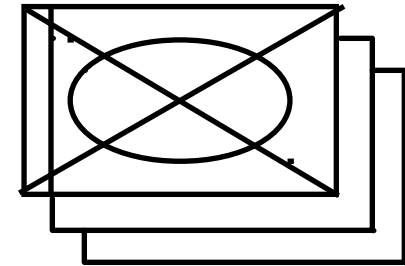


**14 M2 Bradleys
6 Squads**



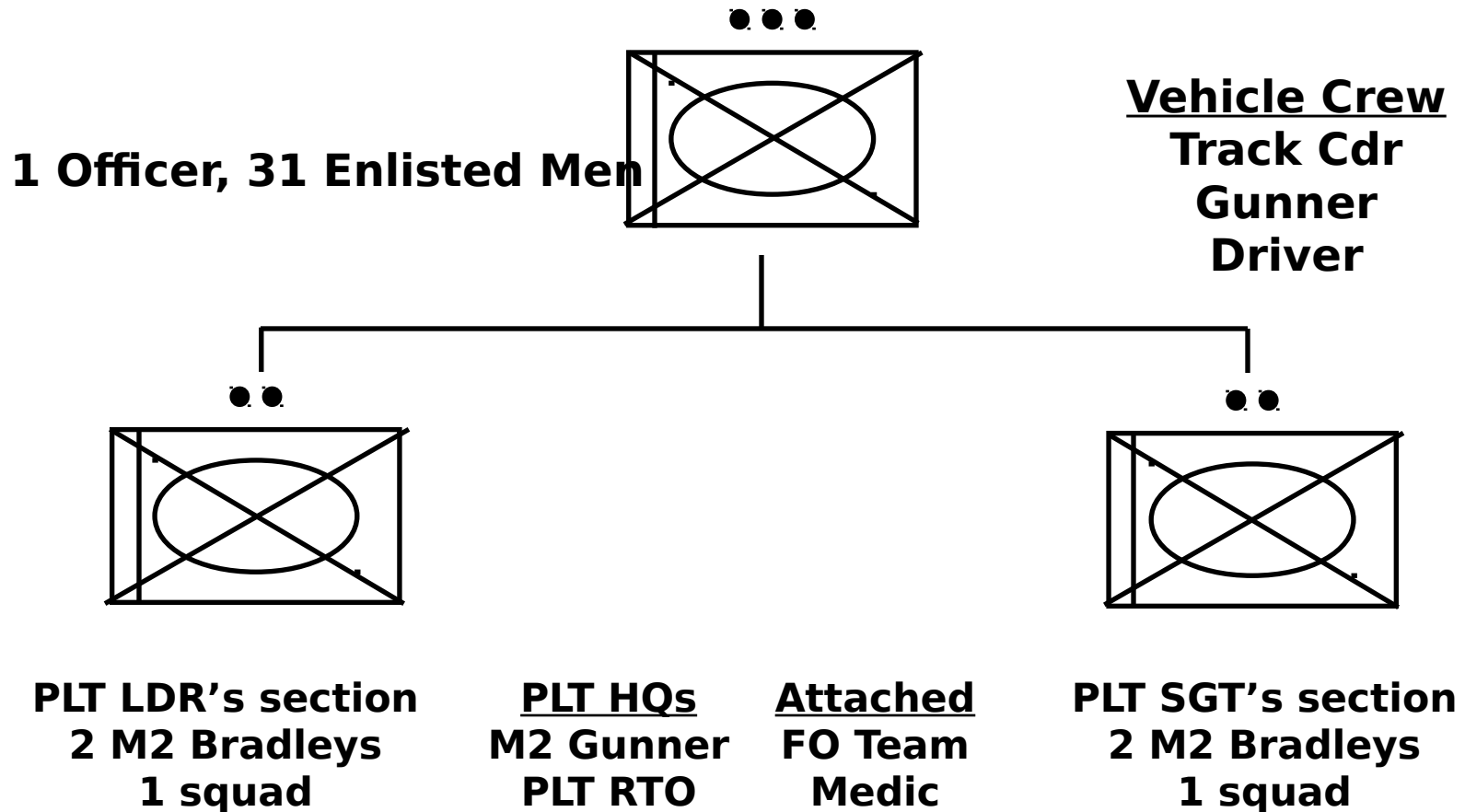
HQ Section
2 M2 Bradley
1 M113
1 FIST-V

Platoons
4 M2 Bradleys



MECH INFANTRY

PLATOON



M2A1 BRADLEY FIGHTING VEHICLE



Primary Weapon	25mm
Planning Range	1700 m
Rounds	1700
Other Weapons	TOW
Planning Range	3750 m
	7.62mm MG

MECH INFANTRY PLATOON MOUNTED CAPABILITIES

- **Destroy light armor vehicles with cannon fire**
- **Destroy tanks with TOW missiles**
- **Suppress / kill enemy infantry**
- **Assault unprepared, suppressed defenses**
- **Maneuver with tanks**

MECH INFANTRY PLATOON DISMOUNTED CAPABILITIES

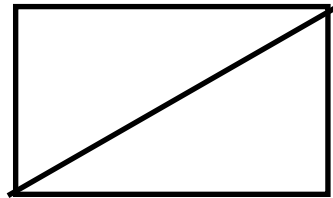
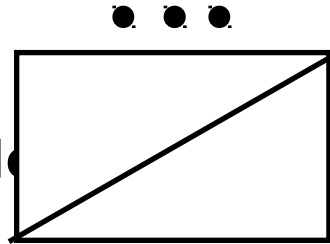
- Seize / clear / hold terrain
- Breach obstacles
- Dismounted assaults
- Infiltrate enemy positions
- Conduct patrols / provide security
- Defend against dismounted attacks

MECH INFANTRY PLATOON MOUNTED LIMITATIONS

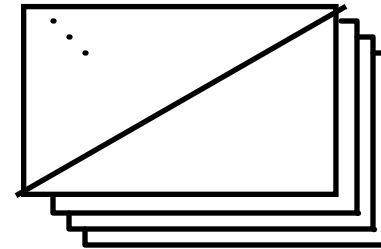
- Bradley more vulnerable to destruction than tanks
- Infantry vulnerable to small-arms fire and indirect fires
- Dismounting / mounting infantry takes time

SCOUT PLATOON

1 Officer, 31 Enlisted Members



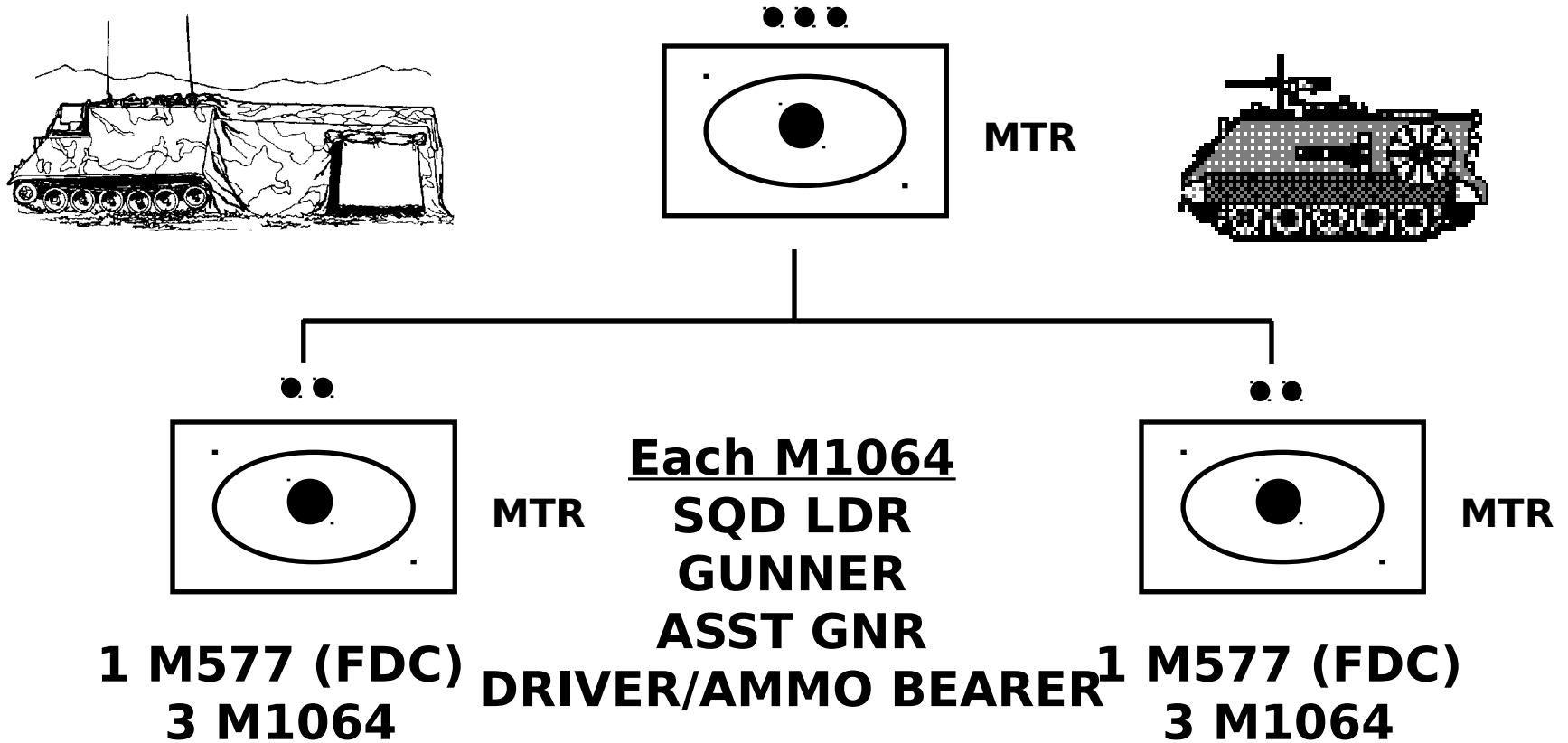
HQ Section
Platoon LDR and SGT
FO TM
2 HMMWVs



Scout Sections Each With
2 HMMWVs
1 OP Team

MORTAR PLATOON

1 Officer, 34 Enlisted Men



BRIGADE BATTLEFIELD

FOCUS

- Primary focus is to defeat the enemy while protecting its CS, CSS, and C2 facilities.
- Must be poised to exploit every opportunity to disrupt the enemy's timetable.
- Conducts simultaneous operations to open opportunities for decisive action.
- A BDE may conduct deep operations with fixed wing air, artillery interdiction, and Army combat aviation.

BRIGADE BATTLEFIELD

FOCUS

(cont)

- Brigade commander creates time and space necessary for units to defeat enemy forces in contact before engaging those not in contact.
- Brigades normally fight as part of a division.
- Normally direct engagements against enemy battalions and regiments.
- Fights as a combined arms team.

TACTICAL BATTLEFIELD

FRAMEWORK

- Area of Operations
- Battle Space
- Tactical Battlefield Organization
 - Deep Operations
 - Close Operations
 - Reconnaissance and Security
 - Main Effort
 - Reserves
 - Rear Operations

BATTLEFIELD OPERATING SYSTEMS

- Intelligence
- Maneuver
- Fire Support
- Air Defense
- Mobility and Survivability
- Combat Service Support
- Command and Control

COMMAND AND CONTROL FACILITIES

Tactical CP - Controls current ops

S3, IEW, air, FS, A2C2, EN, Chemo

Main CP - Control, Coord, Commo Cente

XO, Current Ops, Plans, Intel, FS, EN,
and A2C2

Rear CP - Sustains and Plans CSS

S1, S4, S5, Surgeon, PAO, MP

ECHELONED BDE COMMAND POSTS

